

[FIG.1]

DATA

101 LAYERED CODING SECTION

FIRST LAYER CODE STRING

5 SECOND LAYER CODE STRING

102 CRC CODE ADDTION SECTION

103 CRC CODE ADDTION SECTION

104 MODULATION SECTION

105 TRANSMIT POWER CONTROL SECTION

10 106 RADIO SECTION

110 TARGET VALUE STORAGE SECTION

109 TRANSMIT POWER DETERMINING SECTION

108 RATIO CALCULAITON SECTION

TRANSMIT POWER DETERMINING APPARATUS

15

[FIG.2]

202 RADIO SECTION

203 DEMODULATION SECTION

204 SEPARATION SECTION

20 FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

205 ERROR CHECK SECTION

206 ERROR CHECK SECTION

208 ACK/NACK REPLY SECTION

25 207 LAYERED DECODING SECTION

DECODED DATA

[FIG.3]

CELL

FIRST LAYER CODE STRING + SECOND LAYER CODE STRING

FIRST LAYER CODE STRING

CELL

5 FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

[FIG.4]

202 RADIO SECTION

10 203 DEMODULATION SECTION

204 SEPARATION SECTION

FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

205 ERROR CHECK SECTION

15 206 ERROR CHECK SECTION

208 ACK/NACK REPLY SECTION

207 LAYERED DECODING SECTION

DECODED DATA

210 TPC SIGNAL GENERATION SECTION

20 209 CIR MEASURING SECTION

[FIG.5]

DATA

101 LAYERED CODING SECTION

25 FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

102 CRC CODE ADDTION SECTION

103 CRC CODE ADDTION SECTION

104 MODULATION SECTION
 105 TRANSMIT POWER CONTROL SECTION
 106 RADIO SECTION
 110 TARGET VALUE STORAGE SECTION
 5 109 TRANSMIT POWER DETERMINING SECTION
 108 RATIO CALCULATION SECTION
 111 TPC SIGNAL DECISION SECTION
 TRANSMIT POWER DETERMINING APPARATUS

10 [FIG.6]
 RATIO OF HIGH QUALITY MOBILE STATIONS
 TPC SIGNAL DECISION RESULT
 LESS THAN TARGET VALUE
 EQUAL TO OR HIGHER THAN TARGET VALUE
 15 INCREASED INCREASED INCREASED
 DECREASED INCREASED DECREASED

[FIG.7]
 202 RADIO SECTION
 20 203 DEMODULATION SECTION
 204 SEPARATION SECTION
 FIRST LAYER CODE STRING
 SECOND LAYER CODE STRING
 205 ERROR CHECK SECTION
 25 206 ERROR CHECK SECTION
 211 BLER MEASURING SECTION
 207 LAYERED DECODING SECTION
 DECODED DATA

[FIG.8]

202 RADIO SECTION
 203 DEMODULATION SECTION
 5 204 SEPARATION SECTION
 FIRST LAYER CODE STRING
 SECOND LAYER CODE STRING
 205 ERROR CHECK SECTION
 206 ERROR CHECK SECTION
 10 208 ACK/NACK REPLY SECTION
 207 LAYERED DECODING SECTION
 DECODED DATA
 212 CIR SINGAL GENERATION SECTION
 209 CIR MEASURING SECTION

15

[FIG.9]

DATA
 101 LAYERED CODING SECTION
 FIRST LAYER CODE STRING
 20 SECOND LAYER CODE STRING
 102 CRC CODE ADDTION SECTION
 103 CRC CODE ADDTION SECTION
 104 MODULATION SECTION
 105 TRANSMIT POWER CONTROL SECTION
 25 106 RADIO SECTION
 110 TARGET VALUE STORAGE SECTION
 109 TRANSMIT POWER DETERMINING SECTION
 108 RATIO CALCULAITON SECTION

112 RANKING SECTION

TRANSMIT POWER DETERMINING APPARATUS

[FIG.10]

5 RANKING

MOBILE STATION

ACK/NACK SIGNAL OF SECOND LAYER CODE STRING